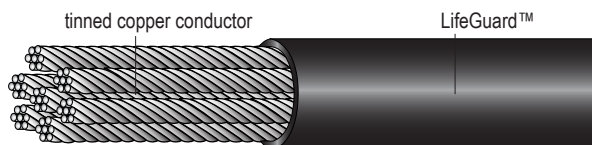


## SPECIFICATION

# HW020

### POWER CABLE

**600 Volt UL 90°C  
RHH-LS or RHW-LS, VW-1  
Low Smoke Zero Halogen Insulation/Jacket  
Tinned Copper Conductor**



Catalog Number	Size AWG/kcmil	Number of Strands	Insulation Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW020 01401	14	41	45	0.16	27
HW020 01201	12	65	45	0.18	36
HW020 01001	10	49	45	0.20	50
HW020 00801	8	49	60	0.27	82
HW020 00601	6	63	60	0.33	117
HW020 00401	4	105	60	0.39	178
HW020 00201	2	161	60	0.45	260

#### APPLICATION:

LifeGuard™ Low Smoke Zero Halogen cable is for use in harsh environments in a broad range of commercial, industrial and utility applications where reliability and maximum performance is required. It is highly flame retardant, produces very small amounts of smoke when burned and contains no halogens. LifeGuard™ cable is ideal for applications where a high degree of safety and equipment protection is required.

It is rated for use at 75°C in wet locations and 90°C in dry locations and approved for installation in conduit, duct, cable tray when CT rated; or other approved raceways.

#### CONDUCTOR:

Tin coated soft annealed copper per ASTM B-33, Class K, G or I flexible stranding per ASTM B-172, B-173, B-174

#### INSULATION/JACKET:

Thermoset, sunlight-resistant and flame-retardant Low Smoke Zero Halogen polyolefin per ICEA S-95-658, UL Standard 44 and UL Standard 1685

#### PRODUCT FEATURES:

- Cable tray rated on sizes 1/0 AWG and larger
- Sunlight-resistant
- Tinned conductor provides ease of termination and added protection in caustic environments
- Very low smoke production when burned
- LifeGuard™ jacket produces zero halogens during fire, less toxic and corrosive
- LifeGuard™ jacket is environmentally safe – lead, sulfur and halogen free
- Highly chemical resistant
- Very flame retardant
- Burns to an ash – does not exhibit thermoplastic drip
- Excellent compression and impact resistance
- Superior tensile strength and abrasion resistance
- Flexible jacket with low coefficient of friction

#### FLAME TESTS:

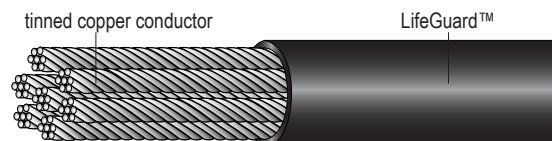
- 8 AWG – 750 MCM, IEEE 1202 (70,000 BTU/hr) Flame Test
- UL VW-1

#### ADDITIONAL STANDARDS:

- NEMA WC-70

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Tinned Copper Conductor**



Catalog Number	Size AWG/kcmil	Number of Strands	Insulation Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW020 10101	1/0	26	80	0.58	423
HW020 20101	2/0	342	80	0.63	538
HW020 40101	4/0	532	80	0.74	759
HW020 35001	350	882	95	0.95	1302
HW020 50001	500	1225	95	1.09	1831
HW020 75001	750	1862	110	1.33	2752

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